

Fremont
Building Official
Code Enforcement

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FOUNDATION CERTIFICATION

For all new construction a "foundation certification" will be required at the time of foundation inspection. This certification must be at the time of the foundation inspection and before continuing work – framing.

A land surveyor or similar professional can provide this for you.

This is required to protect you, the owner/contractor, in insuring that the foundation as located complies with all zoning setback requirements before proceeding with further construction activities. Some owner/contractors actually get their foundation certifications at the time of footing placements – further insuring that the structure as planned in the field actually meets the placement setback requirements.

Other checks that you might conduct prior to having the foundation looked at by the building inspector:

- Did you keep records of the pour – strength, cubic yards and dates poured?
- Do you know Seasonal High Water Table elevation on your site?
- Footing located minimum four (4) feet to frost line from planned finished grade
- What is the thickness of the footings?
- What is the thickness of the wall?
- Insure 2 inch minimum exposed footings for all wall pours.
- Damp proofing required – in some instances water proofing may be required.
- Well constructed foundation drain
 - drainage trench min. 12 in. width and 10 in. height
 - drain not located within 45 degree line of footing
 - stone to minimum depth of slab/floor base
 - stone to min height of top of final slab/floor
 - invert of the drainage pipe no higher than slab/floor
 - drainage pipe sits in min. of 2 in. crushed stone covered with min. of 6 in. of stone
 - drainage is membrane or fabric covered
 - drainage exit extends beyond foundation
- Sill pocket will provide ½ inch clearance on all sides – sides and face of beam/girder.
- Anchor bolts – min ½" every 6 feet max and within 12 in. of end (not closer than 1 ¾" to end)
- All through wall penetrations with sleeves and to be properly sealed.
- PT planned for sill plate with sufficient sealing/insulation